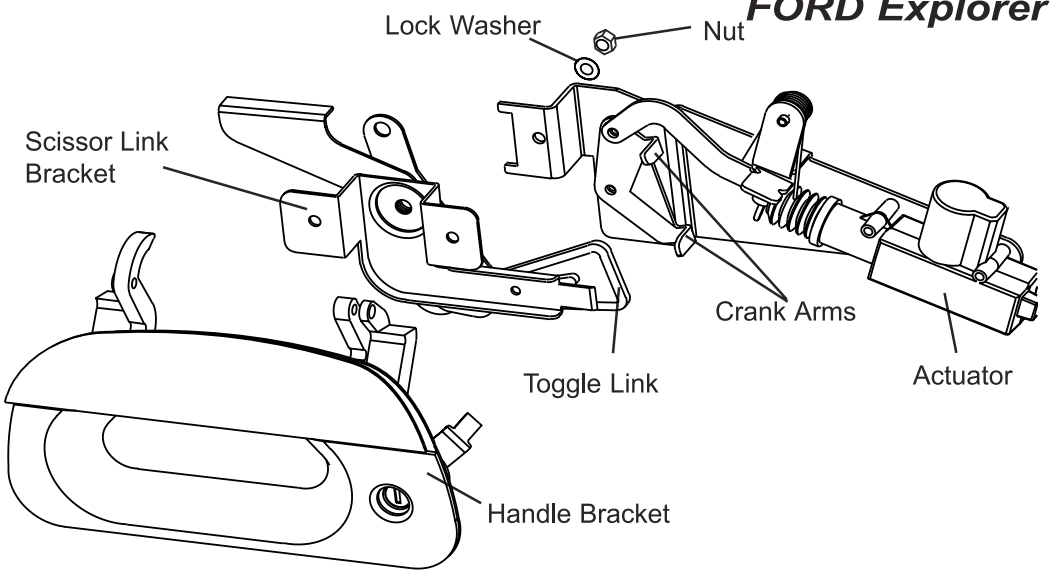
POWER TAILGATE LOCK Instructions

PL8250 FORD F150 , '97 and up
FORD F250/f350 , '99 - UP
FORD Explorer Sport Trac, '01 - UP

Layout – Rear View:



Parts Included:

Power Tailgate Lock Unit
Short Wiring Cable
Long Wiring Cable
Cable Ties
Blue Connector Taps
Lock Washer

Tools Required:

T-30 Torx Driver
10 MM Sockethead
Phillips Screwdriver
Pliers

For the latest instructions please visit www.popandlock.net

Installation:

1. Lower the tailgate and remove the access panel.
2. Release the rod ends from the scissor links, remove the two 10 MM nuts holding the scissor link bracket and the handle and take them out.
3. Test the system by bolting the POWER LOCK to the passenger's side stud of the handle on top of the scissor link bracket. Make sure the two arms of the lock crank straddle the toggle link before you tighten the nut. Connect the lock to the short and the long wiring harness and take it forward into the cab to test wire it.
4. Locate the wires to connect to. Refer to the attached vehicle wiring chart for the wire colors and location.
5. Connect the long wiring harness to the blue wire taps and test the system. Lock and unlock the doors using the power door lock switch. The two crank arms should flip the toggle link up and down to lock and unlock the scissor link and should reset to center by the spring when the actuator is powered off. Reverse the wiring if the operation is out of phase. You can now unplug the wires from the blue leads.
6. Reinstall all the components into the tailgate with the actuator on the passenger's side. Connect the rod ends into the scissor links.
7. Feed the round bullet connectors on the end of the short wiring cable into a drain hole at the bottom of the tailgate and up the tailgate to the handle opening. Connect them to the wires of the power tailgate lock.
8. Route the end of the short cable from the tailgate between the bumper and the truck bed.
9. Connect the short wire harness to the long wire harness. Locate the connector so that you can reach it to remove the tailgate. Coil and tie the extra length of the short wiring harness inside the tailgate. Don't attach it to the truck.
10. Route the long wire harness along the frame rail and the existing wiring on the driver's side of the truck. Use cable ties to attach the harness to the existing wiring underneath the truck. Follow the existing wiring under the cab and up the firewall to the grommet at the hood-release cable.
11. Pull the wires through the grommet and lead them to the blue connectors you attached to the wiring in Step 4. The system is now fully installed. Perform a final check and reverse the wires if necessary.

For Tech Support call: 800 342 5911

POP & LOCK®

LIMITED WARRANTY TERMS AND CONDITIONS

(1) **Installation.** Pop & Lock™, LLC (and Pop & Lock™ Corporation) is not responsible for installing the Pop & Lock™ or for the harm suffered by any person as a result installing it.

(2) **Warranties**.

a. Customer acknowledges that it is unreasonable to believe that any device whatever will prevent a theft in the case of every attempt and that the most that can be expected from a so-called anti-theft or security device is that it will deter many thieves.

b. **POP & LOCK™ LLC. (and Pop & Lock™ Corporation) MAKES, AND CUSTOMER RECEIVES, NO WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THE WARRANTIES OF TITLE TO THE POP & LOCK™ AND THEIR MERCHANTABILITY, PARTICULARILY NO WARRANTY OF FITNESS FOR A PARTICULAR USE OR PURPOSE OR AGAINST INFRINGEMENT.**

c. As Customer's only remedy, Pop & Lock™, LLC (and Pop & Lock™ Corporation) will repair or replace, at its option and without charge, any lock that is defective in material or workmanship when received by Customer and is returned to Pop & Lock™ LLC (and Pop & Lock™ Corporation), FOB Pop & Lock™ Corporation's offices, within one (1) year after it's receipt by the Customer. Pop & Lock LLC will ship all replacement, or repaired, Locks to Customer, FOB Pop & Lock™'s shipping point.

d. Factory support is only available for Pop & Lock™ products purchased as ***new*** through an Authorized Pop & Lock™ dealer.

Please Note: ***Pop & Lock™ Products purchased on auction sites such as Ebay, Amazon and Craigslist, to name a few, will not be covered under factory warranty under any circumstance. Pop & Lock™, LLC (and Pop & Lock™ Corporation) is unable to verify whether products sold through Auction Sites are new, used, or refurbished, and as such, Pop & Lock, LLC (and Pop & Lock™ Corporation) is unable to warranty such purchases. Pop & Lock, LLC advises using extreme caution when buying through auction sites as you'll be doing so at your own risk.***

(3) **No Liability.** Pop & Lock™ Corporation is not liable for any loss or damage claimed by Customer or any third person to have been suffered or incurred as a result or, or related to, the Locks purchased under this Agreement, regardless of the circumstances or form of action, except any bodily injury or death for which Pop & Lock™ is liable under products-liability law. Without limiting the generality of the foregoing, in no event will Pop & Lock™ LLC be liable to Customer for any indirect, special, or consequential damages, regardless of the circumstances or the cause of action, particularly not for the value of a vehicle, or any other money damages in the event that a tailgate is stolen either notwithstanding the use of a Pop & Lock™ or when it has been returned for repair or replacement.

END OF TERMS AND CONDITIONS

Please Mail Completed Warranty Form (below) In Self Addressed Envelope To:

POP & LOCK LLC 1271 CONTRACT DRIVE GREEN BAY, WI USA 54304

Additional Install Instructions and answers to technical questions can be found on our website at www.popnlock.net or by calling

Technical Support 1-800-342-5911

Monday – Friday 8am to 5pm CST

POP & LOCK™ LIMITED WARRANTY FORM

Please complete and mail this form to record your warranty with the manufacturer.

NAME _____

ADDRESS_____

CITY_____

STATE_____**ZIP**_____

TELEPHONE #_____

EMAIL ADDRESS _____

POP & LOCK™ MODEL _____

VEHICLE YEAR _____

VEHICLE MAKE/MODEL _____

REASON FOR RETURN ***(continue on other side)*****:**

VEHICLE WIRING CHART
Pop N Lock/ Load N Lock

(All wire color information is for reference only and may vary by vehicle)

Please verify with a test light

If you have trouble locating the lock and unlock wires, test all the wires with a test light that are inside the rubber boot that runs between the door and the cab of the truck to find correct wire colors.

MAKE	MODEL	YEARS	WIRE COLOR		WIRE LOCATION (*Note 1)
			LOCK	UNLOCK	
Chevy/GMC	Silverado/Sierra	99-02	Tan	Gray	Driver Side Kick Panel Or Just Below Driver Side Fuse Block
Chevy/GMC	Silverado/Sierra S-10/Sonoma Colorado/Canyon	03-06	Tan	Gray	Driver Side Door Between Switch and Lock Actuator **(*Note 2)**
Chevy/GMC	Silverado/Sierra S-10/Sonoma Colorado/Canyon	07+	Tan	Blue	Driver Side Door Between Switch and Lock Actuator **(*Note 2)**
Chevy/GMC Crew Cab	Silverado/Sierra S-10/Sonoma Colorado/Canyon	03+	Tan	Gray	Under the sill plate in the wiring harness that goes under the driver's side seat.
Chevy/GMC	Full Size	88-98	Tan	Gray	Driver Side Kick Panel
Chevy/GMC	S-10	94-02	Tan	Gray	Driver Side Kick Panel
Ford	Sport Trac	01-06	Pink	Pink/Black	Passenger Kick Panel **(*Note 5)**
Ford	Sport Trac	07+	Gray/Brown	Purple/Gray	Passenger Kick Panel **(*Note 5)**
Ford	F-150 / F-250 / F-350	97-03	Red/Green	Pink/Orange or Red/Orange	Above Steering Column or Driver Side Kick Panel **(*Note 5)**
Ford	F-150 / F-250 /F-350	04-07	Pink/Black	Pink/Orange or Red/Orange	Above Steering Column or Drivers Side Kick Panel **(*Note 5)**
Ford	F-150/F-250/F-350	08	Gray or Gray/Tan	Purple or Purple/Gray	Above Steering Column or Drivers Side Kick Panel **(*Note 5)**
Ford	F-150/F-250/F-350	09+	Gray/Brown	Purple/gray or Lt. Blue/Lt Green	Above Steering Column or Drivers Side Kick Panel **(*Note 5)**
Ford Crew Cab	F-150/F-250/F-350	09+	Gray/Brown	Purple/gray or Lt. Blue/Lt Green	Drivers side Sill Plate **(*Note 8)**
Ford	Ranger	99-07	Pink/Black	Pink/Orange	Passenger Side Kick Panel **(*Note 5)**
Ford	Ranger	08+	Blue/Green or White/Purple	Gray/Black or Gray/Purple	Passenger Side Kick Panel **(*Note 5)**
Dodge	Dakota	97-04	Orange/Black	Blue	Driver Side Kick Panel **(*Note 5)**
Dodge	Dakota	05+	Lt .Green/Blue	Purple/Black	Driver Side Kick Panel Or Passenger Side Kick Panel **(*Note 5)**
Dodge	Ram 1500	94-03	Tan/Pink	Blue	Driver Side Kick Panel **(*Note 5)**
Dodge	Ram 1500/2500 3500	04-08	Brown/Orange or Tan/Green	Lime Green	Driver Side Kick Panel **(*Note 5)**
Dodge	Ram 1500/2500 3500	09+	Orange/Gray or Tan/Green	Lime Green or Tan/White	Driver Side Kick Panel **(*Note 5)**
Dodge	Ram 2500 / 3500	94-03	Orange/Black	Pink/Violet	Driver Side Kick Panel **(*Note 5)**
Honda	Ridgeline	06+	Yellow/black	Yellow/green	Driver's Side Kick Panel**(*Note 6 & 9)**
Mazda	B–Series	99+	Pink/Black	Pink/Orange	Passenger Side Kick Panel **(*Note 5 & 9)**
Nissan	Titan	04+	Brown or Green/Yellow	Green/Red or Purple	Driver Side Kick Panel **(*Note 5 & 9)**
Nissan	Frontier	95-04	Brown	Green/Red	Driver Side Kick Panel **(*Note 5 & 9)**
Nissan	Frontier	05+	Purple	Green	Driver Side Kick Panel **(*Note 5 & 9)**
Toyota	Tacoma/Regular cab Access cab	98-06	Blue	Blue/White	Driver Side Kick Panel**(*Note 4 & 9)**
Toyota	Tacoma/Double cab	98-06	Blue/Pink	Blue	Driver Side Kick Panel**(*Note 4 & 9)**
Toyota	Tacoma/Double cab Access Cab	07+	Blue/Black	Blue/Red	Driver Side Kick Panel**(*Note 7 & 9)**
Toyota	Tundra	99-03	Pink/Black	Red/Orange	Driver Side Kick Panel **(*Note 5 & 9)**
Toyota	Tundra	04+	Pink/Black or Blue/White	Red/Orange or Black/Yellow	Driver Side Kick Panel**(*Note 3 & 9)**
Toyota	Tundra/Crew Max Double Cab	07+	White	Blue	Diver Side Kick Panel –Top Blue Plug **(*Note 5 & 9)**
Toyota	Tundra/Double cab	04+	Blue/Red	Blue/Black	Diver Side Kick Panel **(*Note 5 & 9)**

***See Notes following page**

POP&LOCK®

LOAD N LOCK

VEHICLE WIRING CHART
Pop N Lock/ Load N Lock

(All wire color information is for reference only and may vary by vehicle)

Please verify with a test light

If you have trouble locating the lock and unlock wires, test all the wires with a test light that are inside the rubber boot that runs between the door and the cab of the truck to find correct wire colors.

To Test With a Test Light: Ground the test light to good conducting ground and probe the wire to be tested by piercing the wire case to connect to the copper wire inside. Hit the lock button to see if the test light lights up. If so this is the lock wire. Do the same with the unlock wire to verify the correct wire.

Note 1:
If the wiring is connected in the driver's side kick panel, the Handle will lock/unlock with the driver's door. If you prefer the Handle to lock/unlock with the passenger door, on some models the wiring may be connected into the passenger side kick panel using the same color wiring. If the same colors can't be found, use a test light to find the passenger side colors.

Note 2:
On the CHEVY/GMC 03+ Two door or Extended Cab Models (if not using a relay harness) it is necessary to remove the driver's side door panel and attach the lock and unlock wires directly to the wires of the door lock actuator inside the door.
Once the door panel is removed, you will need to remove the driver's side kick panel and fish the harness wires through the rubber boot that runs between the door and the cab of the truck and into the door. Use the supplied Wire Taps to attach to the specified wires directly under the truck's door lock switch and test the locks. If the truck locks operate opposite the lid lock, reverse the leads connected.

Note 3:
Some 04 Toyota Tundra models used blue/white instead of pink/black for the lock wire and black/yellow instead of red/orange for the unlock wire.

Note 4:
Make sure the key is out of the ignition when testing this model; as the doors will automatically unlock when trying to lock.

Note 5:
If you have trouble locating the lock and unlock wires, test all the wires that are inside the rubber boot that runs between the door and the cab of the truck. Once you locate them you can follow them to a location that makes tapping to the wires easier. This works on most models except 03+ G.M.

Note 6:
On the Honda Ridgeline the lock and unlock wires are located in the fuse panel down by the driver's side kick panel. The yellow/black(lock) and the yellow/green(unlock) wires are in the small green plug that is located at the bottom front side of the fuse box. A small hole may need to be drilled in the side of the bed rail near the top rear on the driver's side of the bed to access the rear tail light compartment to attach the brake light and power lock wiring.

Note 7:
On the 07+ Double Cab Tacoma the lock wire is located in the 10 pin plug, pin#9, Blue/Black wire. The unlock wire is located in the 12 pin plug, pin#10, Blue/Red wire; both plugs are hanging loose in the driver side kick panel.

Note 8:
On the Ford 09+ crew cabs the lock/unlock wires are located under the drivers side sill plate (the plate you step on when getting in and out of the truck). The wires run from the driver's side front door to the driver's side rear door. Gray/Brown for Lock and Purple/Gray for unlock, there are multiple and different size purple /gray wires – use the largest gauge.

Note 9:
On some models the factory keyless system may be programmed to re-lock the truck doors after 1 or 5 minutes if the truck is unlocked and the door are not physically opened. Please refer to the user's manual or contact your local dealer if you require a change to the factory programming.

Please visit www.PopandLock.net for the latest wiring Info.
For Technical Support, Monday–Friday, 8:00 am to 5:00 pm CST
1-800-342-5911

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